



Missouri S&T Magazine, June 15, 1928

Miner Alumni Association

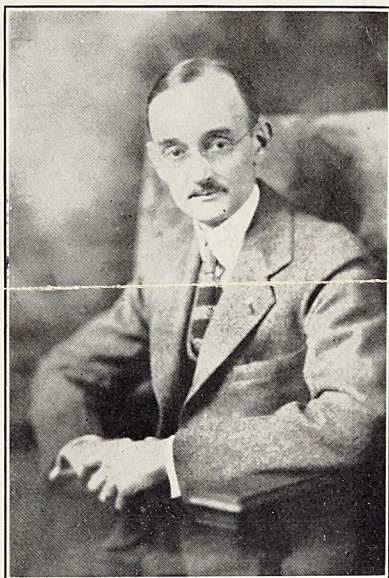
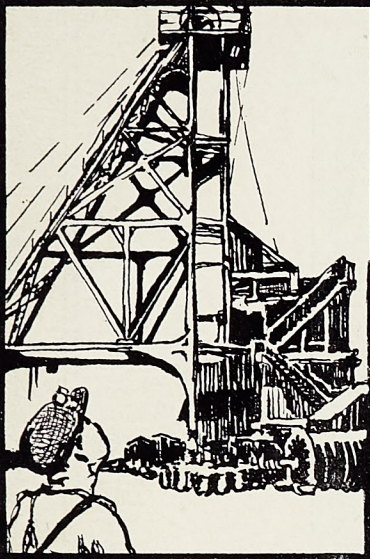
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MSM ALUMNUS



JOHN A. GARCIA
Doctor of Engineering (Honoris Causa)

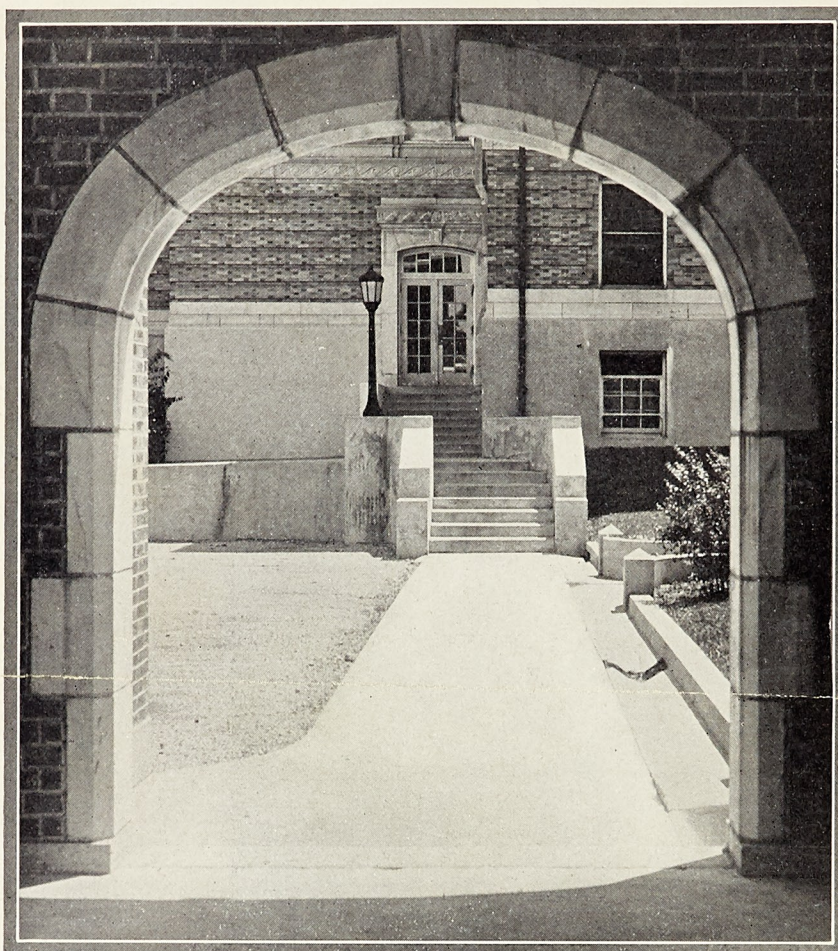
Volume
Two

June 15, 1928

Number
Four

School of Mines and Metallurgy

University of Missouri ROLLA, MISSOURI



PARKER HALL THROUGH THE ARCH FROM THE EXPERIMENT STATION

Offers four-year collegiate courses leading to Bachelor of Science degrees in

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PETROLEUM ENGINEERING
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School of Mines and Metallurgy
ROLLA, MISSOURI

MSM ALUMNUS

ALUMNI ASSOCIATION, SCHOOL OF MINES AND METALLURGY, ROLLA, MISSOURI

Volume Two

JUNE, 15, 1928

Number Four

Our Paper Money

By V. H. Gottschalk, B.S., '98, M. S. '00, MSM; Ph.D. (Chicago) '19. For a number of years Professor of Chemistry at MSM now Technical Adviser to the U. S. Bureau of Efficiency, Washington, D. C.

About three years ago, the Government was much concerned by complaints coming from every part of the country about brittle dollar bills. A superficial investigation sufficed to show that not only was the citizen's patience being tried by the ease with which the paper money tore in his hands—in fact, it was all too common that the bills snapped in two as the bank teller counted them out—but also, that the Bureau of Engraving and Printing had reached its capacity in printing paper money fast enough to keep an ample supply in circulation.

It was for the purpose of finding the cause of and the remedy for this epidemic of brittle dollar bills that I was enrolled in the Government service. My employers, the Bureau of Efficiency, had a vague idea that the new era of motoring which required a tremendous number of one-dollar bills for wayside garage expenses, was proving too hard and wearing for the ordinary type of currency paper and that nothing short of the discovery of a new paper-making fiber, of strength sufficient to withstand the habits of the motorist, would remedy the situation.

Before starting on a search for a new paper-making fiber, I looked into the possibilities of the linen fiber from which our paper currency is manufactured because linen fiber is acknowledged to be the best material known, with a few rare exceptions, for making strong paper. Developments showed the search for a new fiber to be unnecessary; by proper treatment the regular linen raw material could be induced to yield a paper strong enough to meet the requirements, and consequently the dollar bill for the past eighteen months has been printed on an increasingly strong paper, until now the specifications call for a currency paper at least eight times more resistant to wear by folding and tearing than was the dollar bill of 1925. The first step in removing brittleness was to add cotton fiber which, in the process of paper-making, does not so readily get into the brittle state. Linen fiber, when prepared in the "beater" used by the paper-maker, gradually increases in strength quality until it reaches a maximum after which continued beating causes a very rapid decline in strength and the development of other properties, such as a tendency to brittleness, to transparency, to excessive expansion and distortion on wetting, and to a resistance towards absorbing water readily. Cotton fiber acts similarly but to a much lesser degree, and the present composition, 75 per cent linen, 25 per cent cotton, will probably be standard for many years to come, because the presence of cotton is a safeguard against the brittleness, while the decrease of strength consequent to its presence is not serious under the circumstances.

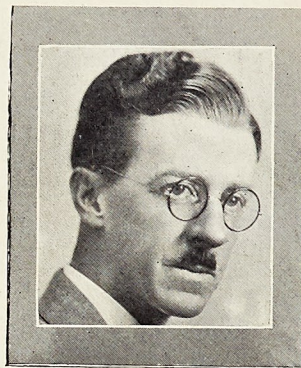
The experience with the brittle bill probably had a considerable influence in bringing to a successful conclusion the plans for the program of currency revision that had dragged along for fifteen years, under three Secretaries of the Treasury. Our methods in solving the paper problem pointed accusingly at the haphazard methods that were in vogue in producing our paper money. The program for the small-sized paper currency that is to be issued February, 1929, owes much of its success to the energy and initiative of my chief, Mr. H. B. Brown, who acted as chairman of one of the most active of the sub-committees of the "Committee of 1925, Currency Designs," appointed by Secretary Mellon to act under the supervisory direction of former Assistant Secre-

(Continued on Page 10)

Bridging the Gap

A talk by Prof. H. H. Armsby, Registrar and Student Advisor, delivered at Joplin, April 27 before a meeting of the Tri-State Section of the Alumni Association, with twenty high school seniors as guests of the association.

I wonder if some of you are asking the question, at least to yourselves, "Why should the Registrar care to talk to alumni and high school students? What interest does he have in us except while we are under his immediate jurisdiction, where he can make us fill out innumerable forms and can make voluminous records of everything we do and say? Isn't he a cold-blooded official to whom a student is merely one more card for his files? Is he human at all?"



PROF. H. H. ARMSBY

I want to answer these questions tonight, and I believe what I have to say would be endorsed by a large majority, not only of Registrars, but other college administrators as well.

We are interested in you while you are under our immediate supervision—very naturally—you are our job. But we are also interested in you before you come to us—in you high school boys—for you are the material for our future efforts—our future raw material out of which we must mold new alumni. And the alumni are our product, on whom we have placed our stamp of approval. If we were not interested in you alumni, if we did not wish to see everyone of you happy and successful, then you might well ask, "Are they human at all?" For it is no more than human to want the product of one's labors to be a good product, able to hold its own with the products of one's competitors. Therefore, I am particularly glad of an opportunity such as this, which comes but seldom, of meeting with raw material and finished product at the same time, and of telling both a little about some of our problems, in the hope that you will help us solve them, to the advantage of all concerned.

Please do not take me too literally when I draw a simile between college and a manufacturing plant. I believe that one great trouble with our colleges has been just this attitude—that the entering freshman is raw material out of which the college, by some sort of legerdemain, is to mold an entirely different and a finished product. The fact of the matter is that the entering freshman is not raw, and the graduating senior is not finished. The senior is the same person he was four (or sometimes five) years ago, merely a little older, perhaps a little wiser, surely a little more sophisticated. His education, however, started the day he was born (some say even earlier), and will not end until he dies, and some say not then.

College is merely a brief interlude during which the student is chiefly occupied theoretically at least with specific efforts toward improving his mind. It is not a separate watertight compartment of life, with no contact with what came before or with what is to follow after—or at least my thesis is that it should not be. I believe we are too apt to conceive that it is such a compartment. We speak of the high school student as a boy, but when he enters college we tell him he is under the supervisory direction of former Assistant Secre-

(Continued on Page 10)

MSM ALUMNUS

Issued quarterly, in the interest of the graduates and former students of the School of Mines and Metallurgy. Subscription price 50 cents, included in Alumni dues.

Entered as second-class matter October 7, 1926, at Post Office at Rolla, Missouri, under the Act of March 3, 1879.

Officers of the Association

J. K. Walsh.....	President
A. W. Gleason.....	Vice-President
C. Y. Clayton.....	Treasurer
K. K. Kershner.....	Secretary
Noel Hubbard.....	Alumni Recorder

Editors

C. Y. Clayton

Noel Hubbard

Next Year

Alumni Dues Are Due

June first ushers in a new fiscal year for the Alumni Association. With this issue is enclosed a renewal slip for the alumni dues and the Alumnus. The past year the Association did not break even on expenses, and was forced to draw upon resources accumulated before the Alumnus was started. It is obvious that such a condition cannot exist indefinitely, and it is sincerely hoped that every alumnus of the school will take advantage of the enclosed slip to transmit his dues promptly.

There are no paid officials of the Alumni Association. Those handling the administrative end of the work are doing so for the good of the School of Mines. They are glad to do this service for the school, and in turn hope that the alumni will be glad to make the small contribution asked of them that the officials may have the funds to do with.

The Alumnus has carried no advertisements, and it is the hope of the editors that they will not be forced to resort to advertising matter in order to meet expenses. Aside from the large amount of routine work the handling of advertisements would entail, it is felt that advertising material would seriously detract from the general appearance of the magazine. Director Fulton receives a large number of alumni magazines in his office and has frequently expressed the opinion that the Alumnus as now issued is the most dignified and impressive one that comes to his desk.

There are a number of things the Association officials are hoping to do after the expenses of the Alumnus are taken care of, but they feel that the first duty should be to keep the alumni informed of the news concerning the school and their former schoolmates, and to this end are giving the alumni magazine first consideration.

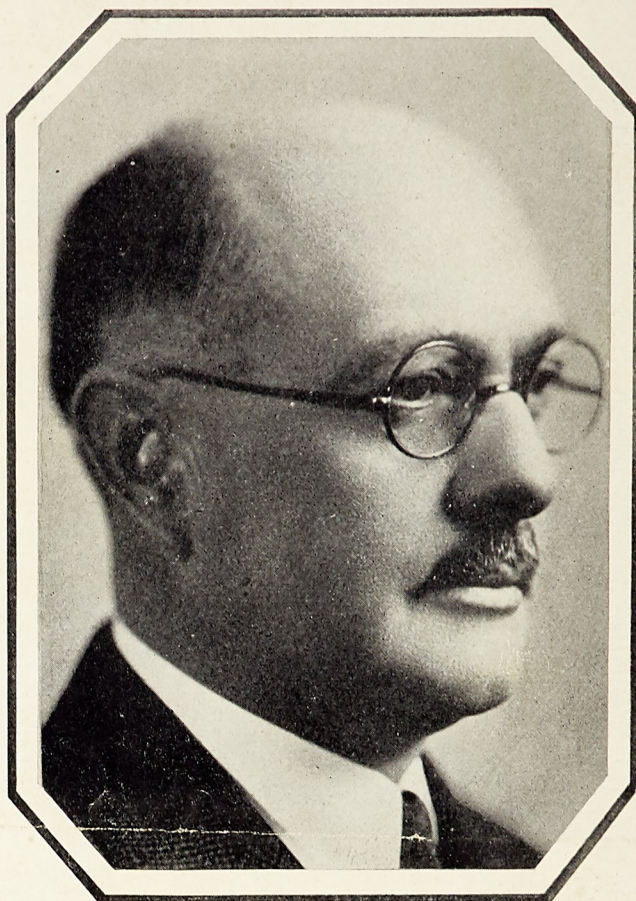
Let's all cooperate for a bigger and better MSM. Each Alumnus receiving this issue should attach his check to the enclosed slip and mail it at once to the Treasurer of the Alumni Association, Rolla, Mo.

The Alumni Loan Fund

Interest Growing In Proposed Plan

The movement started about a year ago, at the suggestion of Director Charles H. Fulton in a talk before the Joplin section of the association, to raise a loan fund by subscriptions from the alumni to help worthwhile students finish their education, is still gaining ground, and it is very probable that some definite action will be started in the very near future.

The Joplin section, at its meeting on April 27, again went over the matter of a student loan fund, and plans for an organization to raise the Joplin section's quota were made. Dr. Fulton has received a letter from Edwin S. Tompkins, '16, consulting mining and metallurgical engineer in New York City, written after consultation with Enoch Needles, president of the New York alumni, asking for information regarding eastern alumni that the New York section might complete arrangements for meeting their quota. The matter is being considered in other sections of the country, and



Dr. Charles H. Fulton, Director of MSM for the past eight years, having come to the School of Mines from the Case School of Applied Science where for nine years he was Professor of Metallurgy. Director Fulton has been especially interested in the research work being carried on at the school, and the technical bulletins the school has printed in recent years have gone into every country on the globe.

it is very probable that by next fall Director Fulton will have the additional funds he desires to meet requests for loans.

The Jackling fund which D. C. Jackling, '92, made available some years ago, and to which he has added from time to time, has up until the past year or so given the School administration ample funds to meet the requests for loans. The Jackling fund has proved a tremendous asset to the School of Mines. It has been most carefully administered, as evidenced by the fact that out of the many loans made only two or three have been listed as uncollectable, and one of these on account of the death of the parties concerned. The boys have taken these loans seriously, and they have served a most important purpose in getting them through school.

However, with the recent rapid expansion of the school enrollment the Jackling fund is no longer able to meet the demands that are being made for loans. The movement to start a general alumni fund as suggested by Doctor Fulton, will give other alumni of the school a chance to show their appreciation of the institution that gave them their education, and also give them an opportunity to help deserving boys secure an education.

A fund of \$5,000 should give the school administration ample money to meet the requests that will be made in the immediate future, as funds will be coming in right along from repayments on the Jackling loans. Director Fulton would be glad to hear from other sections or from alumni not connected with the various sections who might have suggestions to make regarding the fund.

General Science at MSM

Few courses at MSM have undergone as great a change during the past five years as has the curriculum in General Science. Unless the alumni take time to study the catalogue pretty carefully, it is very probable that their attention has never been called to the possibilities of the present course in General Science.

The present course in General Science of which Dr. L. E. Woodman, Professor of Physics, is head, is planned primarily to train teachers of Science. In the first two years the students get a broad general training in Chemistry, Biology and Physics, with an opportunity to do advanced work in their chosen field of Science during the senior year. It is also possible to elect Geology, Astronomy and Bacteriology. Enough work in Psychology and related subjects is either required or elective so that the prospective teacher will have no difficulty in securing a High School State Teacher's Certificate.

No school can have any greater asset than a loyal body of teachers in the high schools of the State. At the present time the School of Mines is handicapped by having so few alumni who have become high school teachers. This difficulty can be improved during the next five or ten years if the alumni will boost this phase of the work at their Alma Mater. You all know bright boys who are not interested in Engineering, but who do not come to the School of Mines because they do not know that they can get any other course at this school. Why not tell them about our work in General Science? The school is not making any attempt to teach the so-called Arts courses, but is recognizing the fact that we have the faculty and the equipment to teach high-grade courses in all departments of Science.

Nearly every high school in the State has the combination of Science teacher and Athletic Director. Why should not the School of Mines train men for these positions? The fact that one hundred and thirty-eight hours are required for graduation in General Science as against one hundred and fifty-eight in Engineering means that the student in General Science will have more time to make a study of athletic coaching. The comparatively small size of the athletic "squad" in this school and the consequently more intimate contact between the student and the coach make this an ideal school for giving this sort of training.

The course in General Science is well adapted to those students who are looking for sixty or more hours of college work before they can take up the study of law, medicine or dentistry. The credits earned at the School of Mines are accepted at any professional school in the country.

Men who are looking towards research work will find themselves well fitted, after completing the course in General Science, to go into a research laboratory, or to continue their work for a higher degree at this or some other school. In this connection the alumni may be interested to know that the University of Missouri will confer the degree of Doctor of Philosophy upon candidates who may do all of their work at the School of Mines in one or more of the following departments: Mining, Metallurgy, Chemistry and Geology. This is a recognition of the work of these departments of which we may all be proud.

Men who desire to become paleontologists may take the course in General Science instead of the Geology Option of the Mining Curriculum. This gives the necessary training in Biology and French and German, and allows sufficient time for a broad training in Paleontology.

John Bland Develops Mica Separating Machine

The following item was taken from the March 4th issue of the Globe-Democrat. Bland attended the School of Mines in 1908 and 1909.

"John Bland, son of the late Congressman Richard P. Bland, free silver champion, has gained considerable fame in the mining world through his invention of a mica separating machine which is revolutionizing the separation of mica from the deposits in which it is found. As it is used largely in the

manufacture of automobile parts, many uses for mica have developed in the last few years. But the separation of the mica from other deposits has remained a slow, laborious hand process until the invention of Bland's machine.

"As geologist, mining engineer and metallurgical student Bland devoted eleven years to study and experiment, trying find a more efficient way of handling mica, finally perfecting his machine. It now is in operation in Tinton, in the Black Hills, South Dakota, with Bland as superintendent, and not only pays its own way, but also pays all the operating expenses of the construction work at the big tin mine at Tinton.

"Bland's process involves the use of four vibrating screens and makes possible the separation of mica at less than ten cents a ton."

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Alumni Back for St. Pats.

KAPPA ALPHA HOUSE

- Dwight L. Moodie, '24, Sales Department, Laclede-Christy Clay Products Co., 1711 Ambassador Bldg., St. Louis.
- C. C. (Cab) Smith, '26, of the engineering department of Urbaur & Atwood, St. Louis.
- B. H. (Ham) Moore, ex '23, representative for the Laclede-Christy Clay Products Co. for Iowa, Minnesota and Wisconsin. His home address is 333 Summit Avenue, Milwaukee, Wisconsin.
- J. D. Crawford, '26, 514 Lake Avenue, Webster Groves, Mo.

PI KAPPA ALPHA HOUSE

- W. E. H. Knight, '27—Bill is with the Aluminum Ore Co. of East St. Louis, Illinois.
- M. P. Weigel, '23—of the Aluminum Ore Co., East St. Louis, Illinois.
- H. A. Herder, ex '26, of McComas, West Virginia.
- C. L. Smith, '22, Harrisburg, Illinois.

TRIANGLE HOUSE

- W. F. Netzeband, '21—Netzeband is with the Eagle-Picher Lead Company at Joplin, Missouri.
- P. D. Windsor, '22, City Engineer of Belleville, Illinois.
- P. H. Delano, '30.

KAPPA SIGMA HOUSE

- F. J. Flynn, '12, Mickey is in the Wholesale Plumbing and Heat Supply business at St. Joseph, Missouri.
- Neal Ham, '23, of the Ingersoll-Rand Company of Kansas City, Missouri.
- Arch Naylor, '24, who is with the Thomas L. Dawson Company, Kansas City, Missouri.
- Fred P. White, '22, who is assistant superintendent of the Ralston Purina Company, St. Louis, Mo.

BONANZA HOUSE

- A. A. Boyle, '25—Al is with the U. S. Engineers Office, St. Louis, Missouri.
- Elmer Chapin, '23—Chapin is in the employ of the Chemical & Pigment Co., Inc., Collinsville, Illinois.
- M. N. BeDell, '23—BeDell is with the Laclede Steel Company, Alton, Illinois.
- L. E. Lumpkin, '21, of Jefferson City, Missouri.
- Robert L. Campbell, '29, Kansas City, Missouri.
- H. M. Diers, '27, Illinois State Highway Department, Carbondale, Illinois.
- H. A. Murphy, '26—Harold is with the Illinois Highway Department, East St. Louis, Illinois.
- D. L. (Duke) Arra, ex '27, Illinois Highway Department, Carbondale, Illinois.
- C. C. Heinrich (Spider), ex '27, St. Louis, Missouri.
- O. D. (Mike) Gibbons, ex '30, Duncan, Oklahoma.

PROSPECTOR HOUSE

- G. R. Scott, '24, Instructor in Mechanical Drawing, MSM.
- D. F. Walsh, '23, Instructor in Metallurgy, MSM.

Commencement

78 Degrees Conferred

Dr. Morehouse Commencement Speaker

On May 24, in Parker Hall, the class of 1928 passed from students to alumni. At this, the 56th annual commencement of the School of Mines, seventy-eight degrees were conferred, including five professional degrees.

On May 20 in the auditorium of Parker Hall the Right Reverend Irving P. Johnson, Denver, Colorado, Bishop of the Colorado Diocese of the Episcopal Church, preached the baccalaureate sermon. Starting his sermon with the statement that the great majority of the human race is cynical and always will be, Bishop Johnson pointed out that there are as many reactions in life as there are chemical reactions in the laboratory. He reviewed the superficial skepticism toward religion that has characterized a portion of the human race since the beginning of recorded history, and urged the class to maintain their faith in their religious beliefs. In all Bishop Johnson's talk was one of the best baccalaureate sermons that has been preached here in some time.

On Wednesday, May 23, from 3 to 5 P. M., was the Director's reception to students, faculty and visitors, and that night at 9 P. M. was the commencement ball.

Dr. Daniel W. Morehouse, President of Drake University, delivered the commencement address on the subject, "Science, What of the Day?" Dr. Morehouse reviewed the tremendous strides that have been made in scientific knowledge in the last half century and pointed briefly to the great field that lies ahead for the scientific graduate.

The honors as listed on the commencement program were as follows:

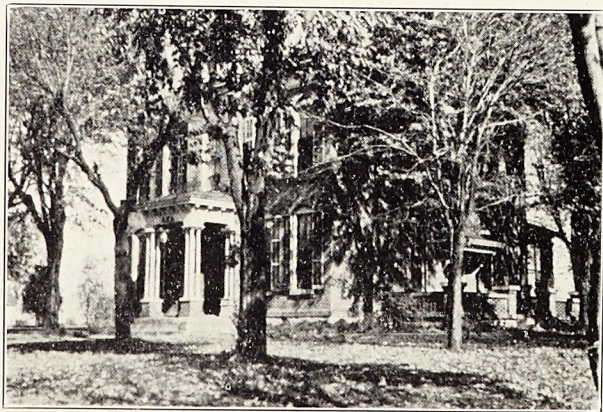
Highest Honors: John E. Antener

First Honors: John E. Antener
Phariss C. Bradford
John R. Walther

Second Honors: Rupert P. Baumgartner
Edward C. Faulkner
Michael V. Healey
Floyd E. Sewell

Sigma Xi Honor Society:
Cletus D. Cordry
Herman H. Kaveler

Phi Kappa Phi Honor Society:
John E. Antener
Rupert P. Baumgartner
Phariss C. Bradford
Edward C. Faulkner
Edward C. Miller
Floyd E. Sewell
John R. Walther
Cletus D. Cordry
Howard H. Gross



LAMBDA CHI ALPHA HOUSE



SIGMA NU HOUSE

Tau Beta Pi Honor Fraternity:

Charles W. Ambler, Jr.
John E. Antener
Rupert P. Baumgartner
Harry H. Brittingham
Robert W. Couch
Edward C. Faulkner
Charles A. Freeman
Henry E. Gross
Nicholas L. Kozlinsky
Shirley A. Lynch
Edward C. Miller
Thomas D. Murphy
William K. Schweickhardt
Floyd E. Sewell
William S. Temples

Those receiving the Bachelor or Master degrees are listed under the class of 1928 in the general alumni news, and also the position to which they have gone.

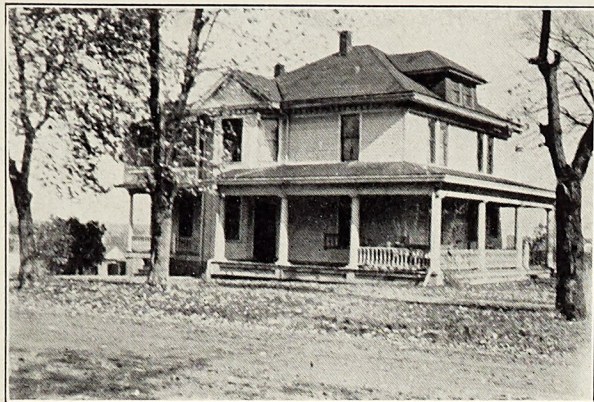
Those commissioned as Reserve Second Lieutenants in the Corps of Engineers in the Army of the United States were as follows:

Charles W. Ambler, Jr.
Rupert P. Baumgartner
Arthur P. Berry
Philip J. Boyer
Louis J. Burg
Robert W. Couch
Warren F. Fruit
John F. Gage
John R. Heckman
John J. Livingston
Edward C. Miller
Howard B. Moreland
James F. Orr
Carl L. Salley
Burl Y. Slates

Samuel A. Grantham, Jr., received a certificate of eligibility as Reserve Second Lieutenant in the Corps of Engineers, U. S. Army, and James G. Donaldson and William K. Schweickhardt were to receive their commission upon the completion of the summer training camp. However, William K. Schweickhardt has since been discharged from the R.O.T.C. on account of physical disability.

Five of the old grads had filed their theses for their professional degrees. They were Neal Ham, '23, with Ingersoll-Rand Drill Company, Kansas City, Mo., Engineer of Mines; William R. Quilliam, '21, 320 Main Street, Beaumont, Texas, Engineer of Mines; William A. Schaeffer, Jr., '24, Roxana Petroleum Corp., Pyote, Texas, Engineer of Mines; John K. Walsh, '27, 630 Fairview Avenue, Webster Groves, Mo., Engineer of Mines; and Ronald D. Ward, '25, 2526 Bellevue Avenue, Maplewood, Mo., Civil Engineer.

John A. Garcia, '00, was granted the degree of Doctor of Engineering (honoris causa).



BONANZA HOUSE

Two New Assistant Athletic Coaches Appointed W. R. Rapp and Junior Brown to Assist Harold Grant Next Year

Two new assistants in athletics have been appointed by the Board of Curators to assist the new athletic director for next year. W. R. Rapp, a graduate of Emporia College, will be head basketball coach and assist in football, besides teaching gym classes at the School. Rapp has been coaching in Emporia high school for five years, and has been extremely successful with his basketball and football teams. He was a member of the Emporia College varsity football and basketball teams while in college.

Junior Brown, also an Emporia College graduate, has been for two years teaching physical education and coaching football and track teams at Lyons, Kansas, High School. Brown had the outstanding football team of Kansas the last year. He played four years on the varsity football team while attending Emporia, and has shown much ability as a football coach. He will be assistant football coach and head of the intra-mural athletics at MSM next year.

The new athletic director, Harold Grant, with his two assistants were in Rolla during the end of May to make arrangements for houses. All are enthusiastic over their new field, and are entering heartily into preparations for the season next fall. With the old material from last year coming back, and the new material coming next fall, MSM ought to give a good account of itself on the gridiron next fall. Alumni should bear in mind that good athletic material forms the basis upon which the coaches must work. See that those interested in engineering are headed this way.

The Track Season

Captain Johnson Presented Gold Watch By Team

The Miner Track Team, while winning first in but one meet, succeeded in giving a splendid account of itself in every contest entered. C. W. (Johnny) Johnson, captain, showed an especially fine record for the season.

The first meet of the season was with Arkansas University when the Miners went down to defeat at the hands of the Razorbacks with a score of 46½ to 86½. The Miners were handicapped by the absence of Tamm, Clark and Arnold on account of illness. Johnny Johnson, captain of the Miners, was the high point man of the meet, taking first in the discus and second in the javelin, broad jump and shot put. Schofield, a Miner freshman and a promising prospect on the athletic field, was second on the Miners' team in the meet, first in the 100-yard dash and second in the 220, making a total of 8 points.

The second meet of the season was a triangular meet at Fulton, with the Miners, Westminster and Central Wesleyan competing. The Miners placed second with a score of 43

points. Westminster was first with 70 points, and Central Wesleyan third with 29 points. Captain Johnson, of the Miners, took two firsts, one second and one third. Johnson threw the discus 134 ft. 6 in., which mark is a foot farther than the conference record mark. He was also first in the javelin, second in the shot put and third in the broad jump. Tamm, of the Miners, took the second place in both the high and low hurdles, third in the 100-yard dash, and a tie for second in the high jump. Dave Moulder had little difficulty in winning the pole vault and was good for a much greater height than he was forced to go. Phil Mudgett cleared the bar at 6 feet in the high jump, easily winning first place. The mile relay team, composed of Harkes, King, Osterwald and Clark, of the Miners, won first.

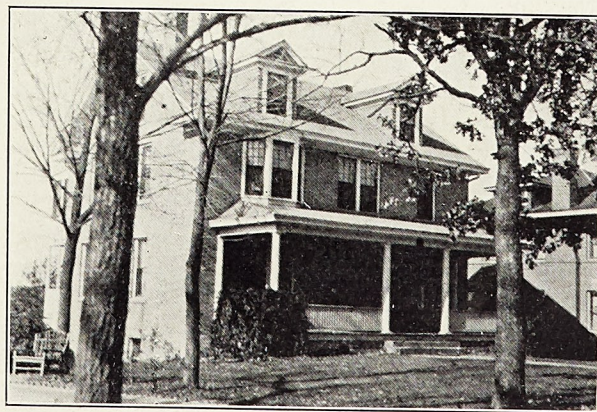
On May 4 the Miners met Washington University in St. Louis and went down to defeat with a score of 45 to 85 in favor of Washington. The meet took place for the most part in a downpour of rain, which left the track soft and accounted for the poor time in the dashes. The Miners took 4 firsts and Washington 11, but no individual finished first more than once. Captain Johnson of the Miners was again the star man of the meet, turning in 14 points for his team.

On May 12 the Miners met their old enemy, Drury, and succeeded in downing the Panthers with a score of 73 to 63 in favor of the Miners. The meet was a fast one from start to finish and nine dual meet records were broken and one was tied. Captain Johnson was again the high point man, scoring first in the shot, discus and the javelin, setting a new record in the shot and javelin. Tamm of the Miners was close on Johnson's heels, scoring 12 points.

On May 8 the Miner team met the Springfield Bears of the Teachers College at Springfield. The Miners went down to defeat with a score for Springfield of 86½ to the Miners' 49½. Captain Johnson of the Miners was again the high point man of the meet. Davey Moulder set a new record in the pole vault by clearing the bar at 11 ft. 10¼ in. The Miners' relay team, composed of Harkes, King, Osterwald and Clark, won. Phil Mudgett of the Miners met his Waterloo in the high jump when Paul "Sox" Roberts of Springfield cleared the bar at 6 ft. 2¼ in., which set the highest mark ever recorded on the Springfield field.

At the College Union State Track Meet in Fulton on May 18, with ten teams competing, the Miners ranked third, scoring 22½ points. Johnny Johnson, the Miner captain, was again the star of the Rolla aggregation, winning 11 points for his team and ranking as second high point man of the meet. Sheets of Westminster was high point man, with 13 points to his credit.

At the Invitation Meet held in Pittsburg, Kansas, on May 12 for teams from Missouri and Kansas, the Miner team ranked sixth among the contestants. McFann placed fourth in the 120 high hurdles, Mudgett tied with Brooks of William Jewell for first place in the high jump. Davey Moulder tied for second place in the pole vault. Davey cleared the bar at 12 feet but Butterfield of the Pittsburg Teachers went 3



KAPPA SIGMA HOUSE

inches better. Johnny Johnson of the Miners placed fourth in the discus.

At the Western A.A.U. Meet in St. Louis on June 2, Coach Dennie entered three men, Johnson, Moulder and Mudgett. Davey Moulder won first in the pole vault, clearing the bar at 12 ft. 3 in., a new record for the School of Mines, and Johnny Johnson took second in the shot and third in the discus. Mudgett did not place.

Spike Dennie, who has been coach of athletics here, with the exception of two two-year intermissions, since 1909, is leaving the athletic department at the close of the present year to take up other work on the campus. The track team presented him with a gold wrist watch in appreciation of his services on the athletic field.

The following men won the coveted "M" in track this year: C. W. Johnson, P. B. Mudgett, D. W. Moulder, K. H. McFann, N. F. Tamm, H. R. Osterwald, L. H. King, M. T. Clark, H. G. Jones, H. C. Harkes, F. B. Schultz, W. R. Schofield and F. H. Harlan.

D. W. Moulder was elected captain of the Miner track team for next year

John A. Garcia Receives Doctor of Engineering Degree

John A. Garcia, '00, consulting engineer, of Chicago, was granted the degree of Doctor of Engineering (honoris causa), at the commencement of the School of Mines and Metallurgy here on May 24. Dr. Garcia received the Bachelor's degree in mine engineering at the School of Mines and

Metallurgy in 1900, and received the Engineer of Mines degree in 1903. Prior to entering school here he attended St. Louis University for six years, and also studied architecture for one year.

Following extensive experience in the Oklahoma and Illinois coal fields, Dr. Garcia entered consulting work in Chicago, forming a partnership with Andrews Allen, the organization specializing in the construction, development, operation and examination and reports on bituminous coal mines, and later branching out into bridge work and industrial plant construction. His organization which now consists of about one hundred engineers has examined practically every mining district in the United States, and it was his organization which built the two mine tipples that have for ten years held the world's hoisting records.

Dr. Garcia spent a large part of the past year in Russia where his company is engaged in extensive consulting work for the Soviet government.

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Parents of University Students Organize

To Seek More Adequate Support For Higher Education In Missouri

As a part of the program inaugurated by Dr. Stratton D. Brooks, president of the University of Missouri, to secure more adequate financial support for the University and other higher educational institutions in the state, the parents of University of Missouri students living in Missouri have perfected an organization throughout the state for the purpose of furthering the interests of the University. At a meeting of the parents in Columbia on June 5 Hugh Stephens of Jefferson City was elected president of the newly-formed association. Mr. Stephens is one of Missouri's outstanding citizens, and under his leadership, and with the co-operation of the parents and alumni of the University much good can undoubtedly be accomplished for the University, which it is admitted in all quarters has not been receiving in recent years the financial support to which it is entitled.

Director Fulton of the School of Mines has transmitted to the heads of the various county units of the Parents Association the names and addresses of all parents of School of Mines students from Missouri, and also the names of the alumni. These officials of the association will get in touch with the parents and the alumni, and when approached for cooperation in this movement it is sincerely hoped by the alumni officials that each alumnus in the state will be willing to give whatever of his time may be requested that the University of Missouri, and through it the School of Mines, may receive the financial support to which it is entitled.



CHEMICAL HALL

Enrollment Next Fall

At this time over two thousand high school seniors have made inquiry regarding the School of Mines, with a view to their possible entrance here next fall. A number of these boys attribute the source of their information regarding the school to alumni. This is one of the most important services alumni can do their Alma Mater, as the type of boys entering the school more than anything else will reflect the type of alumni the school will turn out.

The school has been going forward in a splendid manner and indications are that next fall will be no exception. Alumni knowing of boys of a type they would like to see representing the school as alumni within the years to come should bring the school to the attention of these boys and see if it is not possible that MSM has just the course in engineering they desire. If the boy should want a catalog, a letter addressed to the Registrar will bring one promptly. One of the most important sources of new students at MSM is the alumni. The Joplin section has performed a splendid service for the school at their spring meeting and banquet, as reported under the news of the sections elsewhere, in inviting some twenty high school seniors, interested in the school, to their meeting. Other sections might well do likewise. The boy who comes in will be the graduate who goes out, plus four years of engineering education that MSM can give. With the cooperation of the alumni in seeing that the right type of boys come, there will continue to be the right type going out.

D. C. Jackling Returns From Trip Around the World

Mr. D. C. Jackling, '92, has returned recently from a six months' trip around the world. Mr. Jackling travelled in true engineering fashion and the methods employed at times caused considerable comment in some of the countries visited. The article below is taken from the Chicago Tribune.

"Singapore — Considerable comment was made in local newspapers in connection with the visit of two American millionaires to Singapore and the Orient. Charles Hayden and Daniel C. Jackling, both of whom are prominent American business and financial men, left New York on October 13, 1927. They are traveling around the world and expect to be back in New York late this month.

"They set out to see the world in six months in a businesslike way. Their idea was to see as much as possible of the world and get back to New York according to their schedule and to this end there is no sparing of expense. When steamships do not run to suit their schedule they charter a ship and take off to their destination without delay or waiting for regular steamers, as the ordinary traveler must do. If railways do not run their trains to please them they rent a private train and go when they are ready.

"These two gentlemen are doing everything that will expedite travel and add to its interest and enjoyment. The cost of travel is of minor importance to them. In Manila they took a special train and ran up to Baguio over night. In China and Siam they traveled in private railway coaches. As Mr. Hayden remarked: 'In covering so many

countries and cities all within a short time it is necessary for us to go from place to place with the least possible loss of time, which is our reason for going by special trains and boats'."

Mr. Jackling hoped to be in Rolla for commencement this spring but accumulated business during his long absence compelled him to forego the trip.

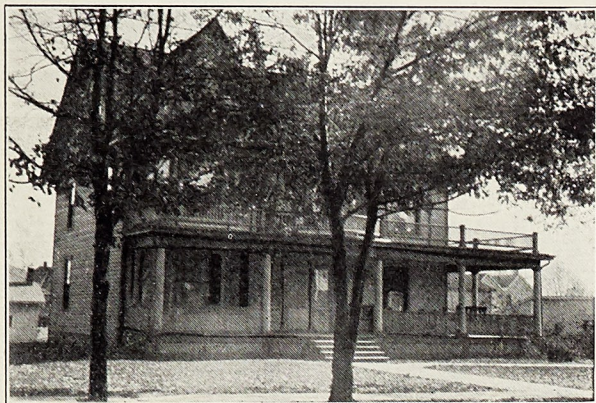
He will arrive several days before the other students. They will be registered, examined by the school physician, and assigned to advisors on the first day. Each advisor will be a faculty member who has shown his interest in the program by volunteering for the work. He will follow his group through the entire program, acting as a sort of combination monitor, advisor and big brother. The rest of the Freshman Week will be devoted to placement examinations, orientation lectures, talks on the use of the library and on proper methods of study, talks about the various student activities, about the history of the school, its ideals and aims, with numerous entertainment features, including some sort of athletic contests, perhaps a baseball series. The churches of the town will be asked to cooperate, and undoubtedly will respond eagerly, as they always have in the past.

The minute details of the week have not yet been arranged, but this is a rough outline of our idea. Details will be sent all prospective students during the summer. We are not planning to coddle freshmen, but merely trying to help them get over the gap between high school and college in order that more of them may succeed in college.

You alumni can help us by spreading a knowledge of **what** we are doing and, much more important, **why** we are doing it. You high school boys can help by entering into the spirit of the week if and when you enter MSM. And with the faculty, the alumni, and the students all working together, I believe



PARKER HALL WITH EXPERIMENT STATION IN THE BACKGROUND



PI KAPPA ALPHA HOUSE

to a lack of adjustment of the boy to his new environment. The change is too great and too sudden for him, and he cannot adjust himself to it quickly enough to survive. He mistakes lack of coercion for absolute indifference toward him, and confuses liberty with license. He takes "being on his own" as a game instead of a serious business, and he wakes up from these delusions only to find that the college boat has sailed majestically on its way and left him floundering far behind and in water too deep for him.

What is the answer? Coddle the freshmen? Fit them all with water wings? No. They must learn to swim alone sometime, and the freshman year is probably as good a time as any. But why not give them a little instruction in swimming instead of simply throwing them overboard and sailing on? Some will learn to swim by being forced to save themselves, but many who need a little patient and sympathetic help in the early stages develop later into most excellent swimmers. All that most of them need is a little instruction in the fundamentals, and a little more self-confidence. Get them rid of their fear of the water and they will swim. Confirm their fears and they will probably never learn to keep afloat.

As MSM we are planning for next fall an attempt to use the humane method of teaching freshmen to swim. Or to get to the title of my talk, and to mix my metaphors a little, we are going to try to bridge the gap between high school and college a little better than we have done it before, by means of a device known as Freshman Week. This is a new thing with us, but it has been used by many schools for many years, with great success, so that it is no untried theory by any means. It consists essentially of a real, consistent, organized and directed effort to acquaint the new student with his surroundings, mental and physical, before he really starts his college work, to give him more self-confidence, and to remove some of the strangeness of college life, before we throw him over to the tender mercies of trig and chemistry and English and drawing.

And it has one further object. It is a well-known fact that some students learn much faster than others, and can therefore in a given length of time learn much more. The ideal college is one where every student is kept working to the full limit of his individual ability—for only thus can all his latent powers be developed and he be brought to his highest possible development. Obviously the ultimate of this ideal of education would be a separate class for each student, since no two are exactly alike. This is, of course, impossible from practical considerations, but we might go a little way along the road by arranging our classes in such a way that the brightest students would be separated from the slowest and allowed to work at more nearly their proper level, provided we could discover in advance who the brightest and the slowest students are. This we believe we can do and have been doing to some extent for several years, by means of placement examinations, which test remarkably well in a very short time a student's ability to do the work of a special course, English, for instance. This method of arranging sections according to the probable ability of students is in

use in a great many of our best schools and is uniformly giving satisfaction. Notice that I say probable ability, for the tests are not infallible and occasionally changes have to be made as a student shows he should be moved either up or down. The schedules are arranged so that such changes can easily be made at any time.

For Freshman Week we plan to call the Freshman to the school several days before the other students. They will be registered, examined by the school physician, and assigned to advisors on the first day. Each advisor will be a faculty member who has shown his interest in the program by volunteering for the work. He will follow his group through the entire program, acting as a sort of combination monitor, advisor and big brother. The rest of the Freshman Week will be devoted to placement examinations, orientation lectures, talks on the use of the library and on proper methods of study, talks about the various student activities, about the history of the school, its ideals and aims, with numerous entertainment features, including some sort of athletic contests, perhaps a baseball series. The churches of the town will be asked to cooperate, and undoubtedly will respond eagerly, as they always have in the past.

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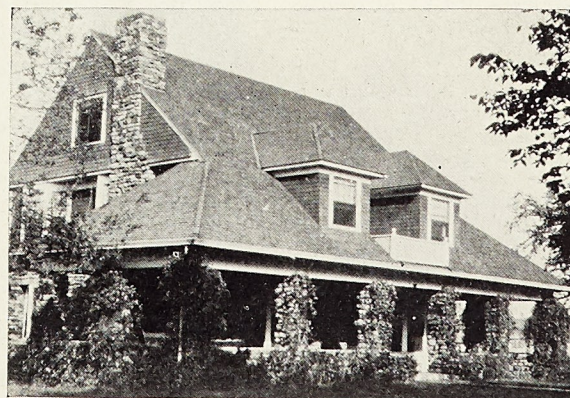
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Harry Kessler Still Boxing

Harry Kessler, '24, was in Rolla on May 5 to discuss with Prof. C. Y. Clayton work to be done toward a professional degree for commencement in the spring of 1928.

Harry, who will be remembered for his hard-hitting bunch of boxers he developed at MSM, in addition to his duties as chief metallurgist with the Southern Manganese Steel Company, is coaching boxing at the Y.M.C.A. and the Y.M.H.A. in St. Louis. He is also broadcasting blow for blow accounts of boxing bouts held in the St. Louis Coliseum, and twice a week he broadcasts boxing lessons over KWK, Hotel Chase, St. Louis.

Harry was for three years in charge of boxing classes here at Rolla while he was a student here in Metallurgy, and during this time boxing was at its best at MSM. He has continued his boxing interest since returning to St. Louis following his graduation here, and a recent article in the St. Louis Star gives him and his two brothers, Sollie and Benny, credit for teaching some 2,500 youths to box since the three Kessler boys have become interested in the sport.



TRIANGLE FRATERNITY HOUSE

St. Louis Section of American Ceramic Society Meets in Rolla

The St. Louis Section of the American Ceramic Society met in Rolla last Saturday, April 28th. The program was opened by an inspection of the school grounds and visits to the laboratories. A get-together luncheon followed, with Dr. H. A. Buehler as host. Prof. Johnson of the English Department gave a very interesting and entertaining talk on "The Relation of English and Ceramics."

About 2:00 o'clock the members of the section and students in ceramic engineering met in Norwood Hall for the technical session. Dr. Fulton, Director of the School of Mines, was the first speaker. He related some of the past history of MSM and also some of its present conditions. Dr. Fulton was followed by Mr. Foster Holmes of the Evans and Howard Brick Company. Mr. Holmes spoke on "Mechanical Engineering in Brick Making." He impressed, especially, on the minds of the students the problems which they must solve, and also the responsibility which they must assume in actual practice. The next talk was given by Mr. Crawford, of Laclede-Christy Clay Products Company, who spoke on raw materials in Missouri and the opportunities in sight for future ceramists. Next Mr. W. K. Schweickhardt told of the great advancement in the Department of Ceramics since its origin several years ago. He also thanked the manufacturers of Missouri in behalf of the students for their financial support. Mr. Schweickhardt was followed by Dr. H. A. Buehler, who told of the work the Missouri Geological Survey was doing regarding clay deposits in Missouri.

Following the technical session the entire group went to Prof. Forbes' diaspore pit where a very instructive lecture

was given by Mr. H. S. McQueen. Mr. McQueen's lecture was so interesting that Chief Buehler had a difficult time dispersing the crowd. When he succeeded, some of the men visited Meramec Springs, while others played golf. The entire body left for St. Louis about 6:30 o'clock.

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The 1928 Rollamo Dedicated to the Cave Man

To that quality of man which enables him to apply the forces and materials of nature for his own betterment. To that tool-making, fire-keeping and implement-bearing spirit inherent within him. To that engineering instinct which plays a great part in his advancement. This book is dedicated.

Thus does the editor of the Rollamo, the school annual at the School of Mines and Metallurgy, dedicate the 1928 issue to the cave men. The artist's sketches throughout the annual emphasize the fact that the cave man was pretty much of an engineer in the development of his early equipment. The foreward of the book states that as early man devised weapons to subdue the animals about him, so the engineer devises means of combatting and applying the inanimate forces of nature for the advancement of mankind.

For the faculty the artist depicts a Cro-Magnon scene, with the cave-man "prof." drawing the picture of a mastodon. For the seniors the artist shows a husky young man of the early times carrying away a fair maiden under his strong right arm, while another maiden looks on horrified, apparently. This scene was perhaps inspired by the fact that four of the seniors have recently taken brides from Rolla and vicinity, and others of the fair sex of Rolla are making trips to St. Louis to "buy some new clothes." The junior sketch shows the

The M S M Band

The MSM Band continued through the year as a valuable asset to the School of Mines. In addition to rendering music at the various athletic contests, the band also furnished the entertainment for one of the general lecture programs and went with the Rolla Chamber of Commerce on one of its Good Will tours to the cities within the Rolla district.

It is hoped that next year the enrollment will be large enough to enable the military unit to establish a military band at the School of Mines. The unit had last year within thirteen of the required minimum number set by the War Department. This would mean that all instruments would be furnished by the U. S. Army and that the boys in the band would receive credit for their practice periods. A military band would also help to liven up the drill period at 11 o'clock on Wednesday, which is not always a welcome hour for the military unit. John W. Scott of Rolla has been the director of the band since its organization and has been very faithful in the discharge of his duties as such.



MSM BAND

young man of the cave period still in pursuit of the fair maiden. The freshman is shown riding away to an engineering school astride a long-necked dinosaur, leaving his girl behind him to mourn, while for the sophomore a touching reunion is depicted.

The artist's conception of early athletics is also interesting, showing methods of sport that some feel still persist even today.

Dana W. Smith and E. A. Crawford, both of Webster Groves, are the editors of this year's annual, R. R. Gast, Webster Groves, business manager; R. S. Dittmer, Coatsburg, Ill., advertising manager; C. L. King, Parsons, Kansas, art editor; Joe Schneider, St. Louis, artist; M. C. Christine, Bloomfield, N. J., organization manager. The board members are: W. B. Dimond, St. Louis; J. N. Conley, Tulsa, Okla.; R. R. Gerling, St. Louis; H. R. Wallace, St. Louis; H. M. Eaton, Desloge, Mo.; A. R. Baron, St. Louis; W. I. Hartnagel, St. Louis, and Allen Brent, Gillespie, Illinois. Prof. H. H. Armsby of the School of Mines is the faculty advisor.

Fourth Annual Banquet of the Lead Belt Section

Reported by E. R. TRAGITT

For the last four years the Lead Belt Section of the Alumni Association has given a banquet during the early part of May in honor of the senior miners from MSM. This year's banquet, which was held on May 7th in Bonne Terre, and served by the ladies of the Methodist Church, was even more enjoyable than usual. Engineers as a class smoke a great deal, and when the room was well filled with a blue fog generated by excellent cigars, T. G. Weir, '22, toastmaster for the evening, arose and welcomed the guests, professors, and members of the class of '28 with great cordiality and goodfellowship. W. H. Comins, General Manager of the National Lead Company, made a short speech to the seniors in which he gave them a few operating tips and told them to beware of following formulas too rigidly. Other speakers were J. K. Walsh, President of the Alumni Association, our old friend, Prof. M. H. (Thorny) Thornberry, whom we are always glad to hear. J. H. Steinmesch, Superintendent of the Desloge Consolidated Lead Company, and E. T. (Polar Bear) Campbell, who is geologist for the St. Louis Smelting and Refining Company.

At the conclusion of the banquet, the Lead Belt Section held a short business meeting and elected J. H. Steinmesch, '06, toastmaster for the banquet in 1929.

List of members present: L. A. Delano, '04; J. H. Steinmesch, '06; B. F. Murphy, '10; M. H. Thornberry, '12; O. M. C. Whitner, ex '15; H. A. Neustaedter, '16; J. K. Walsh, '17; H. R. Stahl, '18; W. W. Weigel, '20; H. D. Scruby, '22; T. G. Weir, '22; E. T. Campbell, '23; H. C. Loesche, '23; E. R. Tragitt, '23; A. L. Heitman, '25; Joe Reid, '27; R. G. O'Meara, '27; Jack Weber, '28; P. H. Delano, ex '28.

With the Local Sections

TRI-STATE SECTION

The Tri-State section of the Alumni Association met in Joplin, in the Y.W.C.A. club room, on April 27 for their spring meeting and banquet. At the invitation of the section,

twenty high school seniors from Joplin, Carthage, Webb City, and other nearby towns who are considering entering the School of Mines next fall, met with the section as their guests.

After the banquet, with Evans W. Buskett of Joplin, chairman of the section, presiding, Mr. Mercer Arnold of Joplin, member of the Board of Curators of the University, spoke briefly of the School of Mines and its increasingly important place among engineering schools. Director Charles H. Fulton of the School, spoke on the value of an engineering education. Mr. C. T. Orr, father of "Skinny," now of Fort Smith, Arkansas, and Jimmy Orr, still in school, gave some of his impressions of the School of Mines gained during the past seven years in which he has had a boy in the school, first Skinny and later Jimmy, and also made some observations on the ethics of the engineering profession. Mr. Orr's talk was very interesting and was thoroughly enjoyed by those present. Prof. H. H. Armsby, Registrar and Student Advisor of the School, spoke on the subject of bridging the gap between high school and college, and outlined briefly plans for the Freshman Week for next fall. His talk appears in full elsewhere in this issue.

Following the banquet the section went into a business session at which Prof. Charles Y. Clayton, treasurer of the association, made an informal financial report for the association, and spoke on the necessity of more alumni paying their dues. He pointed out the expenses of the association, especially with reference to the alumni magazine, and urged those who had not done so to see that their dues for the year were paid. The matter of a student loan fund from the alumni, as suggested by Director Fulton about a year ago, was then brought up and further plans made for inaugurating the machinery for raising the Joplin section's quota of such a fund. The alumni present expressed much interest in the matter and were anxious and willing to do their part in raising the funds.

At the close of the business session Henry H. Hartzell was elected chairman of the section, succeeding Buskett who has served for the past year, and Bruce Williams was continued as secretary and treasurer.

Those attending the meeting were: Mercer Arnold, Joplin, Mo.; Dr. C. H. Fulton, Rolla, Mo.; C. T. Orr, Joplin, Mo.; H. H. Armsby, Rolla, Mo.; Charles Y. Clayton, '13, Rolla, Mo.; J. C. Barton, '17, Joplin, Mo.; F. S. Elfred, '17, Baxter Springs, Kansas; C. E. Stover, '24, Miami, Okla.; O. C. Wemhaner, Miami, Okla.; E. W. Buskett, '95, Joplin, Mo.; R. J. and R. K. Stroup, both '21, Picher, Okla.; J. D. Conrad, ex '20, Baxter Springs, Kansas; H. H. Hartzell, '06, Baxter Springs, Kansas; D. S. Tedford, '23, Neosho, Mo.; Ernest Moran, '27, Miami, Okla.; Erwin Gammeter, '26, Pittsburg, Kansas; Bruce Williams, ex '05, Joplin, Mo.

ST. LOUIS SECTION

The St. Louis Section met at the American Annex Hotel on May 12 for their spring meeting and banquet. Owing to some uncertainty as to the exact date of the meeting, the attendance was not as large as it should have been. It was the desire of the section to hold their meeting at the time the Miners were on their senior trip with headquarters in St. Louis.

Mickey Brazill was reelected chairman, Carl Stifel was reelected vice-chairman, Barney Nudelman was elected secretary-treasurer to succeed W. M. Taggart, secretary, and L. H. Goldman, treasurer, J. K. Walsh was reelected publicity chairman and Lucien Erskine entertainment chairman.

Those present at the meeting were: Prof. C. R. Forbes, W. M. Taggart, '20; J. K. Walsh, '17; William Durning, ex '19; Otto Eble, W. F. Lottman, '19; J. Stogsdill, '25; H. O. Schramm, '25; R. D. Ward, '25; B. Nudelman, '21; M. P. Brazill, '20; D. W. Blaylock, '15; E. H. Cook, '27; J. F. Helmerichs, '22; G. C. Cunningham, '25; R. S. Douglass, '27; J. N. Foster, '25; George Gaines, '25; F. A. Weirich, '25; M. Albertson, '11. The seniors present were: N. L. Kozlinsky, H. E. Gross, H. Histed, W. S. Temples, M. B. Layne, A. P. Berry, and C. W. Ambler.

CHICAGO SECTION

The Chicago Section met on May 10 at the Engineers Club in Chicago, A. F. Mohri, assisted by C. W. Bower, presiding.

The section was fortunate in that Dr. Statton D. Brooks, President of the University, was in Chicago at the time attending the Michigan Triennial Alumni Association meeting. At the invitation of Dr. Bardsley, Dr. Brooks attended the

meeting of the MSM alumni and delivered a very excellent address, among other things urging closer cooperation between the University of Missouri alumni of the branches in Columbia and those of the School of Mines at Rolla for the betterment of the university as a whole.

Other speakers of the evening were C. W. Bower, A. F. Mohri, Dr. C. E. Bardsley, J. Walter Scott, R. S. Dean, R. O. Day, J. L. Gregg, William Godwin and A. L. Kaplan.

Much credit for the very successful meeting was due to the hard work put in by Mohri and Bower in getting out notices and otherwise making arrangements and caring for details necessary for the gathering.

Those present were: Dr. S. D. Brooks, A. F. Mohri, '23; C. W. Bower, ex '16; F. W. Cody, '13; R. E. Richards, '23; D. F. Walsh, '23; H. T. Heimberger, '17; H. L. Bailey, '21; B. L. Chaney, '27; R. H. Maveety, '12; R. S. Dean, '15; T. G. Cooke, ex '08; C. F. Boismenu, '27; R. O. Day, '25; A. Devreux, '24; F. A. Gerard, '27; William Godwin, '25; J. L. Gregg, '23; J. W. Hardy, '27; D. P. Hynes, '08; A. L. Kaplan, '15; R. A. Lindgren, '23; J. E. McCauley, '27; Ronald Mabrey, '27; D. S. Mosby, '23; P. H. Pietsch, '20; Leo Schapiro, '24; J. Walter Scott, '19; A. T. Smith, '27; R. S. Weimer, '18; H. Blickensderfer, '27; Dr. C. E. Bardsley, '20; Prof. E. W. Carlton, '26. The students present were: L. J. Burg,



MISSOURI GEOLOGICAL SURVEY BUILDING

R. W. Campbell, R. C. Dodge, E. C. Faulkner, J. F. Gage, J. R. Heckman, E. B. Machin, H. B. Moreland, J. W. Smith, J. R. Walther, R. Bryant, H. C. Bolon, M. E. Suhre, H. R. Kilpatrick, E. C. Miller, Ted Herman, M. V. Healey.

CALIFORNIA SECTION

The Southern California Section of the School of Mines Alumni Association met at the University Club in Los Angeles, April 26, 1928. The meeting was in the form of a banquet and was well attended.

Through the efforts of Ted Lynton, '12, Chairman of the Section, Mr. Ray Wood, Manager of the Standard Oil Company, was present and made the principal speech of the evening which was very interesting and instructive. His subject was "Leadership in Industry." Quite a few of the Alumni made talks and their principal subject was their Alma Mater.

After the talks the following officers were elected for the ensuing year: L. S. Copelin, '13, Chairman; F. D. James, '16, Vice-Chairman, and H. F. Valentine, '23, Secretary. It was decided at this meeting that there would be four regular

meetings during the year to be held on the first Thursday in the months of March, June, September, and December at the University Club.

This section prides itself on being one of the liveliest of the sections, if not the liveliest, in the country. They extend a hearty invitation to all Alumni of the Missouri School of Mines to look them up when they are in California. They have further stated that should any one visit California on any other dates than when the regular meetings are held, if they will give them twenty-four hours notice a special meeting will be called. They wish to convey this message to all Alumni, that they are always ready to get together and talk things over for the interest of the School.

The following were present: W. Scott Boyce, Professor of Economics, '21-'24; Frank Blake, '12; W. M. Claypool, '84; F. W. Cooper, A. W. Gleason, '15; F. D. Jones, N. M. Lawrence, ex '16; E. D. Lynton, '13; J. T. Young, ex '17; J. E. Jones, '22; A. B. Maxwell, ex '13; Ward S. Mariner, ex '27; L. T. Mariner, ex '27; R. L. Massey, ex '18; S. S. McNair, ex '12; Charles B. Neil, ex '25; T. I. Phelps, '06; George H. Pratt, ex '13; R. P. Palmer, ex '27; E. H. Ruebel, '16; G. F. Rackett, '19; J. H. Strine, ex '86; J. MacFerran Taylor, '05; H. F. Valentine, '23.



ACROSS THE CAMPUS SHOWING JACKLING GYMNASIUM IN THE BACKGROUND

General Alumni News

1928

- H. E. Ahrens will be Instructor in Drawing at MSM next year.
- K. A. Allebach has accepted a position as mining engineer with the La Dura Mining Company, La Dura, Sonora, Mexico.
- C. W. (Chuck) Ambler, Jr., expects to return to MSM next year, working for a degree in metallurgy.
- J. E. Antener will be graduate assistant in chemistry at MSM next year.
- R. P. Baumgartner has accepted a position with the Westinghouse Electric Company at Pittsburgh, Pa.
- A. P. Berry is with the American Rolling Mill Company, Middletown, Ohio.
- P. M. Berry is in the research and testing laboratory of the W. N. Matthews Corp., 3722 Forest Park Blvd., St. Louis. His home address is 4406 Forest Park Blvd.
- P. J. Boyer has accepted a position as mining engineer with the Bethlehem Steel Company at Bethlehem, Pa.
- Phariss C. Bradford (nee Cleino) having married Arthur L. Bradford before graduation, will devote her time to household duties in Rolla, Mo.
- H. H. Brittingham is electrical engineer with the Kansas City Light and Power Co.
- R. W. Couch is chemist with the St. Joseph Lead Company at Bonne Terre, Mo.
- D. H. Crumbaugh has accepted a position in the electrical engineering department of the Illinois Steel Company at Gary, Indiana.
- R. C. Dodge is with the Illinois State Highway Department. His address is Y.M.C.A., Springfield, Illinois.
- J. G. Donaldson is attending summer camp at Ft. Leavenworth.
- M. N. Dunlap is in the engineering department of St. Joe Lead Co., Rivermines, Mo.
- H. K. Ewing is with the Phillips Petroleum Corp., at Borger, Texas.
- E. C. Faulkner is with the City Engineering Department, Pontiac, Michigan.
- C. A. Freeman is ceramic engineer with the A. P. Green Fire Brick Company, Mexico, Mo.
- J. F. Gage is at home in Kansas City for a visit before taking up work as civil engineer.
- T. C. Gerber is in the Ordnance Department, U.S.A., Manila, P. I.
- R. K. Grantham expects to do graduate work in chemistry at MSM next year.
- S. A. Grantham expects to enter medical school at Johns Hopkins University next fall.
- H. E. Gross has accepted a position as mining engineer with the Miami Copper Company at Miami, Arizona.
- P. A. Halasey expects to be at 521 Prather Avenue, Maryville, Mo., for the next two or three months.
- J. P. Harmon has accepted a position with the South American Development Co., Apt. 655, Guayaguil, Ecuador.
- J. R. Heckman will do civil engineering work for the United Fruit Company in South America.
- M. V. Healey has accepted a Fellowship with the U. S. Bureau of Mines, Rolla, Mo.
- C. F. Herbert is with the U. S. Bureau of Mines at Vincennes, Indiana.
- Ted Herman has accepted a position with the Bethlehem Steel Company, Bethlehem, Pa., as metallurgist on their observational circuit.
- A. L. Hill is with the U. S. Geological Survey, Rolla, Mo.
- Howard Histed is with the Shenandoah-Dives Syndicate, Silverton, Colorado.
- S. D. Hodgdon, Jr., is with the Commonwealth Steel Company in Granite City, Ill. His home address is 230 Sylvester Avenue, Webster Groves, Mo.
- G. C. Johnson is electrical engineer with the Union Pacific Coal Company at Rock Springs, Wyoming.
- H. R. Kilpatrick has accepted a position with the American Rolling Mill Company, Middletown, Ohio.
- N. L. Kozlinsky has accepted a Fellowship with the U. S. Bureau of Mines, Birmingham, Alabama.
- M. B. Layne has accepted a position with J. W. Shikles & Company, 709 New York Life Bldg., Kansas City, Mo.
- J. W. Laytham is with the Iowa State Highway Commission at Ames, Iowa.
- M. C. Ledford has accepted a position with the Chestnut & Smith Oil Corp., Ranger, Texas.
- S. A. Lynch will be instructor in mathematics at MSM next fall and he also expects to do graduate work in geology.
- W. A. McCannless is in Oakland, Calif., 3312 Broadway.
- M. C. H. McClellan is working in the oil fields of Oklahoma, his address is Waverly Hotel, Tulsa, Oklahoma.
- E. G. McLauchlan is electrical engineer with the Nash Motor Co., Kenosha, Wisconsin.
- W. B. Machin is with the Indiana Road Paving Co., Indianapolis, Indiana.
- C. J. Mellies expects to study medicine at the University of Missouri next fall.
- W. L. Metcalf's address is 2449 Jerden Avenue, Granite City, Illinois.
- E. C. Miller has a Fellowship with the Bureau of Mines at Moscow, Idaho. He will do graduate work in metallurgy.
- H. H. Moreland is junior engineer, Water Department, City of St. Louis. His address is 6639 University Drive, St. Louis.
- T. D. Murphy will do summer work with Dr. Dake for the Missouri Geological Survey and return to MSM as a graduate student in geology next fall.
- H. H. Newcombe is in the City Engineering Department, St. Paul, Minnesota.
- O. D. Niedermeyer is with the Union Pacific Coal Company, Rock Springs, Wyoming.
- G. A. Roberts is with the Certain-teed Products Company, East St. Louis, Illinois.
- W. K. Schweickhardt recently underwent an operation and will be confined to his home for some time. His address is 3249 Lafayette, St. Louis, Mo.
- F. E. Sewell is mechanical engineer with the Sinclair Refining Co., East Chicago, Indiana.
- B. Y. Slates is working for the Missouri General Utilities Company, Rolla, Mo.
- I. St. J. Sturgis expects to attend a veterinary school next fall, probably Alabama Polytechnic Institute, Auburn, Alabama.
- W. S. Temples has accepted a position with the American Rolling Mill Company, Middletown, Ohio.
- E. F. Thatcher's address is Glen Owen, Ferguson, Missouri.
- H. D. Thomas is with the Union Pacific Coal Company, Rock Springs, Wyoming.
- J. R. Walther is with the county engineering department at Cape Girardeau, Missouri.
- J. E. Weber is with the St. Joseph Lead Company at Leadwood, Missouri.

MASTER OF SCIENCE GRADUATES

- J. B. Clemmer is with the U. S. Bureau of Mines, Rolla, Mo.
- C. D. Cordry will be instructor in geology at MSM next year.
- Mrs. Ruth V. Goodhue, wife of Prof. E. A. Goodhue of the mathematics department at MSM, is contemplating registering for work leading to the Doctor's degree next fall.
- O. W. Greeman is with the Franklin Fluorspar Company at Marion, Kentucky.

- H. H. Gross is with the Indian Refining Company, Lawrenceville, Illinois.
- H. H. Kaveler is negotiating for a teaching position. He is at home at 626 Clark Street, St. Charles, Mo.
- W. H. Ode is also trying for a teaching position next fall. His home is at 315 Broadway, Baraboo, Wisconsin.
- C. B. Weiss will teach in the department of chemistry at Georgia Institute of Technology, Atlanta, Georgia, next year.

1927

- J. D. (Hoot Mon) Cameron is with the Nevada Consolidated Copper Company at Ray, Arizona.
- Robert S. Douglass is with the Roxana Petroleum Corporation, Wood River, Illinois.
- Randall H. Wightman is now living at Riverside, California, 1030 West 8th Street, where he is mine transitman for the Riverside Portland Cement Co.
- H. G. Kolwey is down in Cuba, at Daiquiri, with the Bethlehem Cuba Iron Mines Company.
- W. L. (Susie) Rushmore's new address is R. F. D. 2, Edmonds, Washington.
- Paul Weber is teaching in the chemistry department at Georgia School of Technology, Atlanta, Georgia.
- S. L. Craig's address is Room 228, Union Station, Little Rock, Arkansas.
- V. M. Roloff is with the Illinois State Highway Commission, East St. Louis, Illinois.
- Lyman Robison and Mrs. Robison are visiting in Rolla. Mrs. Robison was formerly Miss Gladys Lorts. Lyman has been with the Chevrolet Motor Company at Fort Morgan, Colorado.
- Mrs. Banner L. Chaney, who was formerly Miss Florence Wyant, is visiting her parents, Mr. and Mrs. W. G. Wyant. Banner is with the Illinois Highway Department, Elgin, Illinois.

1926

- Mrs. A. V. Doster and little son, George Allen, of Manhattan Beach California, are visiting Mrs. Doster's parents, Prof. and Mrs. J. H. Underwood.
- J. W. Merrill visited in Rolla April 21st. Bill is in the Engineering Department of the Frisco, Southern Division, at Memphis, Tenn.
- C. C. (Cab) Smith has accepted a position in the engineering department of Urbaur & Atwood, St. Louis, Mo.
- H. E. (Buddy) McBride, who has been for some time at Canton, Texas, is back at Chaffee, Missouri.
- R. M. (Ron) White, formerly assistant city engineer at Hannibal, Mo., has opened an engineering office in Geneseo, Illinois.
- Leon Hershkowitz is with the Illinois State Highway Commission at Peoria, Illinois.
- Dryden Hodge writes that he is now working for a master's degree in Business Administration at Harvard. Dryden, who finished his course here in January '26, entered the business school at Harvard immediately thereafter and finished the first half year of the two-year course there. He then went with the Kansas City Power and Light Company as an electrical engineer, where he worked until this past January when he returned to Harvard and expects to continue there through this year and next to complete his work for his master's degree.
- B. M. Costello, who has been for some time with the Goodrich people in Ohio, is now with the Pacific Goodrich Company at Los Angeles, California.
- Ray E. Kollar is in the engineering department of the Carter Oil Company, Seminole, Oklahoma.
- F. A. Springer was in town on April 26th. "Sparkplug" made the National Olympic Water Soccer Team playing with the Chicago Athletic Club team last summer. He lives in Chicago at 1624 Belmont Avenue.
- C. D. Craig, who has been with the Western Coal and Mining Company since graduation, is with the Bureau of Mines Experiment Station, MSM, Rolla.

- J. R. Bircher is chief chemist for the Southern Manganese Steel Company, St. Louis, Mo.
- J. A. Rood and Mrs. Rood are visiting in Rolla with Father Stocking, Mrs. Rood's brother. They arrived in Rolla May 10th and will leave about June 5th for Monarat, Virginia, where Johnny is employed by the General Chemical Co. as mining engineer. Mrs. Rood was formerly Miss Bonnie Stocking of Rolla.

1925

- C. J. Heim has been elected county surveyor of Dubois County, Indiana, and will begin his new work on January 21, 1929. Carl showed outstanding ability as a politician, receiving 3,564 votes to a combined total of 1,093 votes for his two oponents.
- P. K. Meng is land appraiser with the Norfolk and Western Railway Company, Roanoke, Virginia.
- Fred A. Weirich, who is with the Roxana Petroleum Corporation, has asked us to change his address from Wood River to Hotel Bley, Roxana, Illinois.
- A. A. Boyle is with the U. S. Engineers Office, St. Louis. His home address is 3939 Lexington Avenue.
- Stuart M. (T-bone) Rathbone is now at Sanford, North Carolina, with the State Highway Commission.
- Charles R. Brown is with the Missouri Pacific R. R. Company at McGehee, Arkansas.

1924

- Harry Kessler is metallurgist for the Southern Manganese Steel Company, St. Louis.
- Phil L. Blake is employed by Wheelock-Bogue, Inc., distributors of "Ferro-Chem," Boston, Mass. His address is 16 Essex Street, Lynn, Mass.
- W. A. Schaeffer, Jr., is with the Roxana Petroleum Corporation at Pyote, Texas.
- J. P. (Barney Google) Bryan is with the Division of Highways, Department of Public Works and Buildings, 224 East Monroe, Springfield, Illinois.
- Mrs. W. S. Wright and little son of Edelstein, Illinois, are visiting her parents, Prof. and Mrs. J. H. Underwood. "Pop" is with the Illinois State Highway Department.

1923

- John Riddle was a campus visitor the first part of April. John is with E. T. Archer and Company, Consulting Engineers, with offices in the New England Bank Building, Kansas City, Mo. He is at present Iowa representative of this firm. Mail address at Kansas City as above.
- M. N. BeDell is still with the Alton Works of the Laclede Steel Company. His home address is now 3114 College Avenue, Alton.
- Paul M. Brown is in Kirkwood, Mo., at 210 North Taylor Avenue.
- J. P. (Pem) Gordon, Jr., who is with the Henry L. Doherty Company, has transferred from Cedar Rapids, Iowa, to Sedalia, Mo.
- E. Rowland Tragitt, mining engineer with the Consolidated Lead Company, Desloge, Mo., with his family, were visiting in Rolla during April.
- Mrs. Glenn Dooley and little daughter, Jean, visited in Rolla during May, the guests of Mrs. Dooley's parents, Prof. and Mrs. E. G. Harris.
- S. M. Burke stopped off in Rolla a short while June 2. Steve is representing the Brown Company Wood Pulp Mfg. Co. He was en route from Springfield to his home in St. Louis.

1922

- B. E. Charles, who has been for some time in Mexico, is now at home in Salina, Kansas, 416 Charles Street.
- Wilson Keyes is with the Simms Oil Company at San Angelo, Texas.

1921

- R. L. Johnson and wife of Allen, Oklahoma, visited in Rolla during April. Dick is superintendent of the State Oil Refining Company at Allen.

1916

Gunnard E. Johnson addressed the Chicago Section of the American Institute of Mining and Metallurgical Engineers at the Engineers' Club on April 18th. His subject was, "Newer Methods of Lead Refining."

J. Charles Miller has just received the degree of Master of Arts for special work done in geology at George Washington University, Washington, D. C.

1914

C. C. Bland and wife spent Decoration Day in Rolla, the guests of friends. Pitts is in the life insurance business in St. Louis.

1913

James B. Leavitt was in Rolla on his way back to Washington, D. C., from Honolulu where he has been stationed for the past two years. Jimmie stopped off in Arizona and visited with Earl Smith and Buck Mountjoy who are with the Miami Copper Company, and with Hank Leavitt who is in the Sheet Metal business in Phoenix, Arizona.

James Hopkins is in Los Angeles, Calif., at 434 North Rampart Street.

R. G. Knickerbocker, wife and little daughter, who have been in Spain for the past year, are expected to arrive in New York City June 8. After a few days there they will return to Rolla.

1911

Duncan Smith has left Brussels for East Africa to examine gold and tin prospects for a Belgian-French group, and will be gone about six months. His address is 42 Rue Royals, Brussels, Belgium.

M. H. Detweiler, wife and children, spent Decoration Day in Rolla with Mrs. Detweiler's father, Mr. C. H. Mitchell.

1908

R. R. Benedict, Mrs. Benedict and their son visited over Sunday at the Triangle House recently. Webster Benedict is considering entering the School of Mines next year.

J. H. Bowles is at Clinton, Arkansas, in the employ of H. L. Hollis, 1549 Railway Exchange Bldg., Chicago, Illinois.

1906

Judson W. Jones, who has been for some time located in Pittsburgh, Pa., in connection with the extension work of Columbia University, has been transferred to New York City where he will continue his work with the University.

1903

Thomas L. Gibson has written from Friars Point, Miss., commenting upon the MSM broadcast from Jefferson City and St. Louis. He is secretary of the Glen Aubin Plantation of the Sessions Planting Interests at that point. The music of the Mining Engineer over the radio broadcast started a train of reminiscences in Mr. Gibson's mind that brought forth the following:

"I am thinking tonight of a little excitement caused by 'Doc' Hanley some thirty years ago when Dr. Ladd asked him what he knew about a steam shovel. Doc began rubbing the place where his hair ought to have been, looked at the rest of us to see the way we took the question, and then said, 'Aah go on, Doctor, you know they don't carry steam around on a shovel.'"

J. W. Hunt is superintendent of schools at Salem, Missouri.

1900

J. A. Garcia, of Allen & Garcia, Consulting Engineers, has removed from 21 East Van Bureau Street to Suite 1743 McCormick Bldg., Chicago.

Kenneth F. Krause, '29, wife and little son, Kenneth F., Jr., are visiting in Rolla. Mrs. Krause was formerly Miss Ethel Smith of Rolla.

Thomas R. Gibson, who attended the School of Mines in 1873 and later entered the military academy at West Point, is now in the Circuit Clerk's Office at Springfield, Mo.

Word has been received from R. M. Sanchez, 1409 Flores Avenue, Laredo, Texas, to the effect that he with nine others who attended the School of Mines in 1884 are now located in and around Laredo. Mr. Sanchez expresses a warm regard for MSM and asks to be remembered to his former friends and schoolmates. He lists the following as among those in attendance here at that time: Alfredo del Barrio, 208 Faragut Street, Laredo; Octaviano Longoria, Banker, New Laredo, Mexico; Guadalupe G. Ramos, New Laredo, Mexico; Juan Hinojosa, Rio Grande City, Texas; Calixtro Garcia, San Diego, Texas; Crizogono Garcia, San Diego, Texas.

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With the Faculty This Summer

Dr. Charles H. Fulton and Mrs. Fulton will spend the summer at Dr. Fulton's ranch in the Black Hills of South Dakota.

Prof. G. R. Dean and Mrs. Dean will stay at home in Rolla this summer. Except for an occasional fishing trip to Little Piney, Prof. Dean will spend the time studying, for his own personal satisfaction only, some recent developments in pure mathematics.

Dr. C. E. Bardsley will spend the summer at the Dearborn Observatory of Northwestern University, Evanston, Illinois, studying astronomy.

Prof. C. V. Mann will do graduate work at the University of Iowa this summer.

Prof. K. Kershner will go to the University of Wisconsin to do graduate work.

Prof. C. R. Forbes will devote his time to the operation of his large diaspore clay pit, and also be associated with H. R. Ameling Prospecting Company in diamond drill prospecting this summer.

Professors J. B. Buter, E. W. Carlton, W. C. Zeuch and Lieut. Walter will have charge of the summer survey camp for freshmen.

Dr. C. J. Monroe will spend the summer in Los Angeles.

Prof. R. F. Ratliff and family expect to first visit the various large springs and state parks in Missouri. He will then visit his old home in Indiana, and from there will go to visit friends in Pennsylvania. He expects to visit some of the large power plants in the Susquehanna Valley while in Pennsylvania.

Dr. C. L. Dake will spend the summer working for the State Geological Survey, mapping the geology of a portion of Iron and Reynolds Counties in Southeast Missouri. He will be assisted by T. D. Murphy, of the class of '28.

Prof. H. H. Armsby will remain in Rolla and play golf this summer.

Prof. R. M. Rankin, with Mrs. Rankin and family, will spend the summer visiting relatives at Bluefield, West Virginia.

Prof. A. V. Kilpatrick, with Mrs. Kilpatrick and the two girls, will go to their summer home in Lansing, Michigan, where Prof. Kilpatrick will work as mechanical engineer in the Oldsmobile Division of the General Motors Corporation. The two daughters will study music in the Lansing Conservatory of Music. Prof. Kilpatrick expects to do some fishing in the northern lakes, and he with his family also expect to visit Niagara Falls before returning to Rolla next fall.

Dr. J. W. Barley will be head of the summer session for teachers held in the School of Mines buildings at Rolla by the University of Missouri.

Prof. F. C. Farnham, accompanied by Prof. F. H. Frame, expects to spend a part of the summer in the oil fields of Oklahoma for the purpose of collecting material which may be of use in outlining the course he plans to give next year as an introduction to methods used in geophysical prospecting. Later he will attend the summer session at Massachusetts Institute of Technology for physics teachers. The session is under the auspices of the Society for the Promotion of Engineering Education. Mrs. Farnham and their daughter, Ruth, will spend most of the summer in Nebraska.

Prof. E. L. Johnson will teach in the University of Missouri summer session in Rolla until August, when he with the family will probably go to Chicago.

Capt. K. M. Moore will be in charge of engineering training at the Ft. Leavenworth, Kansas, Reserve Officers Training Corps camp from June 7 to July 26.

Dr. L. E. Woodman will teach physics at the State Teachers College at Maryville, Mo., for the summer.

Prof. L. E. Garrett will teach in the University of Missouri summer session at Rolla.

Prof. J. Bridge will spend the summer working for the Missouri Geological Survey in Shannon and Carter Counties. He expects to complete the mapping of this quadrangle within a month or so and will devote the remainder of the summer to preparation of the report. Next year Prof. Bridge has a Fellowship at Princeton University where he will study for his doctor's degree.

Wedding Bells

E. M. Lindenau, '27, and Miss Grace Heckman were married at Jerome, Arizona, on January 28, 1928. Ed was a member of the Senior Council and the Missouri Mining and Met. while in school. He is now in the engineering department of the United Verde Copper Company. Mrs. Lindenau was formerly teacher of Spanish in the local high school.

George D. Clayton, former student at MSM and brother of Prof. C. Y. Clayton, head of the metallurgy department, was married in Hannibal on June 5 to Miss Marietta Gentry, daughter of Mr. and Mrs. Richard H. Gentry of Hannibal. Those attending the wedding from Rolla were Prof. and Mrs. C. Y. Clayton, Mrs. S. L. Baysinger, and Miss Helen Baysinger. George is a member of the Kappa Alpha Fraternity at MSM.

Myron N. Dunlap, '28, and Miss Virginia Martyn of Cuba, Mo., were married in Waynesville, Mo., on February 28. Myron returned to MSM at the beginning of the past semester to finish his work required for his degree. He had been doing engineering work in the mines in Mexico and later petroleum work in geophysical prospecting in New Mexico before returning to school. Mrs. Dunlap is the daughter of Dr. and Mrs. Martyn of Cuba and the sister of Phil Martyn, '25, now geologist with the Houston Oil Co.

She has been a frequent visitor in Rolla, before her marriage, at MSM social affairs.

Leroy F. Van Sciver, Highstown, N. J., a junior in electrical engineering, and Miss Dorothy Smith, daughter of Mr. and Mrs. Bland Smith of Rolla, were married in Rolla on May 20. Van has been an important member of the MSM Band while in school. Miss Smith is one of the popular members of the younger set in Rolla.

Burl Y. Slates of St. Joseph, Mo., who graduated this year in mechanical engineering, and Miss Bertha Walker, daughter of Mr. and Mrs. Frank Walker of Rolla, were married in Rolla on May 13. Burl is at present employed by the Missouri General Utilities Co. of Rolla as mechanical engineer. Mrs. Slates was before her marriage operator of the private telephone exchange at the School of Mines.

Robert W. Couch, '28, and Miss Helen J. Shepard of Lebanon, were married in Rolla on April 21. The ceremony was performed by Rev. S. P. Stocking at the Parish House of St. Patrick's Catholic Church. Miss Marion Kenyon of Rolla was bridesmaid, and Lee Couch, MSM, '29, a cousin of the groom, was best man. Following the wedding at 9 o'clock supper was given the bridal party at the home of Mr. and Mrs. R. A. Kenyon.

Bob is the third member of the Couch family to come to MSM from Hannibal High School, and is a brother of J. E. "Jerry" Couch, '25, now with the Roxana Petroleum Corp., Seminole, Okla. He graduated in mining this May 24th, and is now employed by the St. Joe Lead Co. at Bonne Terre, Mo. He is a member of Tau Beta Pi and Theta Tau. He was also an alternate member of the Senior Council in 1928, and president of the Mining and Met. Society in 1928. He took the advanced military course and was commissioned a second lieutenant in the R.O.T.C. this spring.

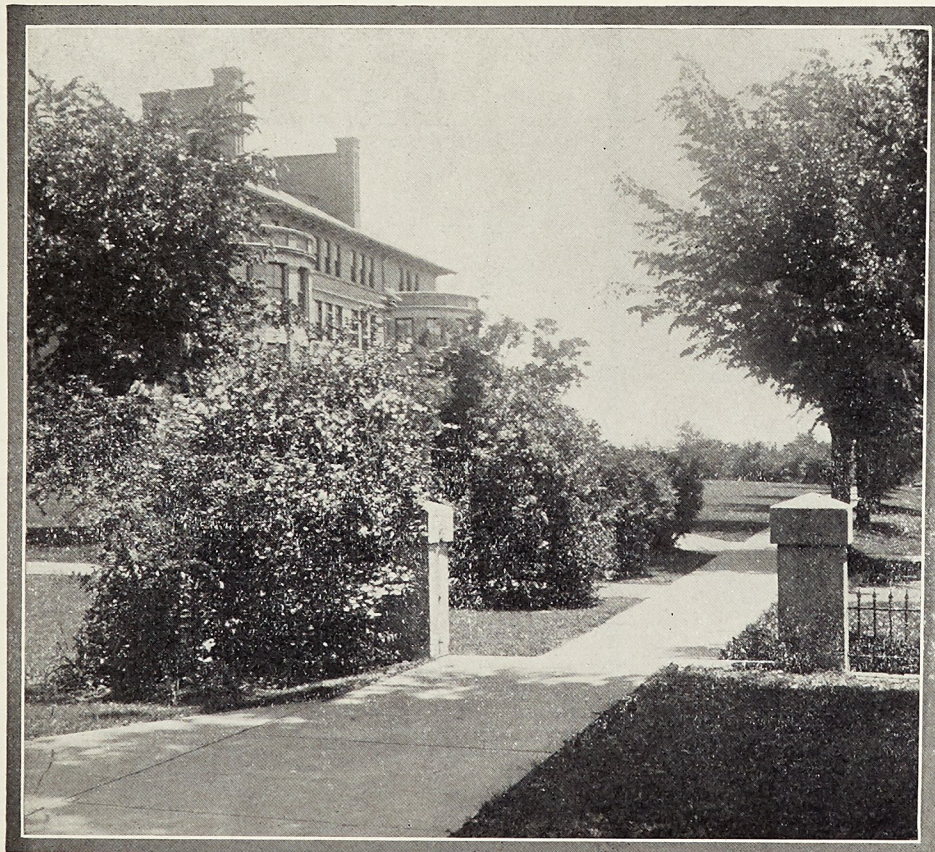
Harry H. Brittingham, '28, and Miss Katherine Lenox were married at 9 a. m. Sunday, June 10, in the Presbyterian Church in Rolla. Brit graduated at MSM this spring in electrical engineering. He is a member of Triangle fraternity, Dynamiters, Tau Beta Pi, and was a De Molay. He also served as president of the Electrical Engineering Society during his senior year. As president of the old Grubstaker club he was one of the prime movers in the negotiations that resulted in it being changed to the national engineering fraternity of Triangle.

Miss Lenox is the daughter of Mr. H. W. Lenox, member of the Board of Curators of the University of Missouri, and Mrs. Lenox of Rolla, and attended Missouri University and Drury College. For the past year she was a teacher in the junior high school in Rolla.

Immediately after the ceremony they left for Kansas City where Brit is employed as electrical engineer for the Kansas City Light and Power Company, and where the young couple will make their future home.

Donald J. Bisett, ex '30, and Miss Bess Lenox were married at the home of the bride's parents at Lake Springs, Mo., on June 15. Don attended MSM the past two years, and is a member of Sigma Nu fraternity. Miss Lenox is the daughter of Mr. and Mrs. Ken Lenox of Lake Springs.

Following the wedding the couple left at once for Chicago on their honeymoon, making the trip in a new Cadillac touring car, the gift of the groom's parents. They will make their home in Ponca City, Okla., where Don is employed in the oil industry.



NORWOOD HALL

Word has been received in Rolla of the marriage of Mike Aguilar Ledford, '26 to Miss Zada Campbell of Seguin, Texas on April 25th. Mike graduated in mining in 1926. He won his gold football on the grid field, serving as captain of the 1924 team. He is a member of Sigma Nu fraternity and of the Pipe and Bowl Club. He was also a member of the Missouri Mining and Met. Association, MSM Players, and was vice-president of the Junior class in 1924. Mrs. Ledford is the daughter of Mr. and Mrs. James Patrick Campbell of Seguin.

Robert E. Lee of Holden, Mo., a sophomore in ceramic engineering, was married on June 2 to Miss Katherine (Jerry) McNicols of Rolla. Bob will return to MSM next fall to complete his education.

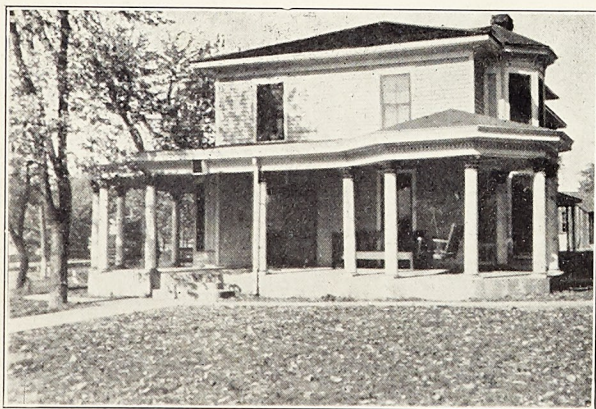
M. E. Suhre of Granite City, Illinois, junior in civil engineering, was married on June 4th to Miss Effie Underwood, one of the General Science students at MSM. Maurice is a Prospector and a Satyr. He was a member of the football squad last fall, assistant editor of the Miner, member of the Senior Council. Miss Underwood is the daughter of Prof. and Mrs. J. H. Underwood, and a sister of Mrs. W. S. Wright, wife of "Pop" Wright, '24, now with the Illinois State Highway Department, Peoria, Illinois, and also sister of Mrs. A. V. Doster, wife of another Miner of the class of '26. Maurice is attending camp this summer at Fort Leavenworth, Kansas, and will return to MSM next fall to finish the work for his degree.

Fred C. Schneeberger was married on April 22 to Miss Marion Thompson in St. Louis. Freddie graduated in general science in 1925. He was a Lambda Chi Alpha, Theta Tau, Quo Vadis, Pipe and Bowl, and Square and Compass. He was also on the staff of the Missouri Miner, member of the Mining and Met. Association and the Dynamiters Club.

I. L. Hebel, who was instructor in mathematics at MSM during the school year 1927-28 and also a student during that year, will be married to Miss Ruth Schuman of Rolla on June 20. Prof. Hebel is now instructor in mathematics at the Colorado School of Mines. Following the wedding Prof. and Mrs. Hebel will go to Grand Lake, Colorado, for a week's stay, after which they will tour Colorado until fall, when they will be at home in Golden with the beginning of the school year.

The Coming Generation

A daughter was born to Mr. and Mrs. J. Samuel Wilfley of the Ellington Apartments, 4661 Laclede Avenue, St. Louis, on April 19. Sam attended MSM during the school years '25 and '26. He is staying out this year doing civil engineering work. Mrs. Wilfley was before her marriage Miss Maurine Rector of Rolla. Sam is a member of the Pi Kappa Alpha Fraternity.



PROSPECTOR CLUB

A baby girl, Helen Louise, was born to Mr. and Mrs. J. A. Holman on May 4 here in Rolla. Chalky graduated in mechanical engineering in 1927. Mrs. Holman was before her marriage Miss Louise Barley, a daughter of Dr. and Mrs. J. W. Barley of Rolla. Chalky is a member of the Kappa Alpha fraternity and Quo Vadis. He is now employed in the engineering department of the Texas and Pacific Railroad Company at Fort Worth, Texas.

DEATHS

Joseph Cark, who attended the School of Mines in 1900 and 1901, died in Sombrerete, Zacatecas, Mexico. While attending religious services on Easter Sunday in Sombrerete Clark was stabbed without provocation by a native Mexican. The Mexican was considered demented. Clark disarmed his assailant and made his way to the company hospital. He seemed well on the way to recovery when pneumonia set in and as a result of his weakened condition caused his death. The United States Embassy has asked the Mexican foreign office to investigate the stabbing with a view to punishing the assailant. Clark, at the time of his death, was Superintendent of the Compania de Inversiones del Oro, Sombrerete, Zac., Mexico, a gold mining concern. He had considerable experience as a mining engineer in Arizona and also in Central America.

Word has been received of the death of Sidney Lorenzo Anderson, March 20, 1928, at the age of 32 years.

Sidney entered MSM in 1915 and remained until 1917 when he went to Globe, Ariz., where he was in the employ of the Miami Copper Company until August, 1917, when he entered the Naval Service. He was in training at Goat Island, San Francisco Bay, then received special instruction in the Radio branch of the service at Harvard and the College of the City of New York. Thereafter he was stationed at Mantaloking, New Jersey. Since 1919 Sidney had been in the employ of the York California Construction Company, being transferred from the St. Louis office to California. He was married in April, 1920, to Rita Hirshfeld of Oakland, California. Their only child, Rita Jane, is four years of age. Sidney was a member of the Kappa Alpha Fraternity at MSM.

Theodore C. (Ted) Sherwood, Jr., died in Roswell, New Mexico, March 31, 1928. Sherwood attended the School of Mines in 1916 and 1917 and after two years' service in the 314th Engineers, 89th Division, during the World War, he returned here and completed his studies, graduating in geology in 1920. Ted was regarded as one of the outstanding geologists of Oklahoma and he was in the employ of the Phillips Petroleum Company at the time of his death.

Frank J. Scott, who for thirty-two years was engineer in the power plant of the School of Mines, died on May 10th after an illness of several weeks. "Frank" as he was familiarly known on the campus, was forced to leave his duties sometime during the late winter on account of illness. He received treatment in the local hospital for several weeks and was finally able to return to the power plant. He arose as usual on the morning of May 10th and was in his garden. The family became aware of his unusual absence and went in search of him and found that he had fallen dead from heart failure. Frank served the School of Mines for a very long period and was always a faithful and reliable employee.